Peak Demand/Peak Met

(Figures in MW)

	Apr.-06	May-06	Jim.-06	Jul.-06	Aug.-06	Sep.-06	Oct.-06	Nov.-06	Dec-06	Jan.-07	Feb.-07	Mar.-07	2005-06
Peak Demand	3515	3843	3692	4000	3661	3701	2971	3059	3293	3888	3021	3107	4000
Peak Met	3361	3736	3645		3661	3592	2896	3053	3289	3018	3639	3687	
Surplus/ Deficit(-)	-154	-107	-47	-	-3	0	-264						
%	-4.4%	-2.8%	-1.3%	-9.0%	-5.2%	0.0%	-2.9%	-2.5%	-0 2%	-0.1%	-	361	-201

Power Supply Position of Delhi during the period April '07 *to Jan.* '08 *Peak Demand/Peak Met Energy Requirement/Energy Availability*

(Figures in MW)

	Apr.-07	May-07	Jun-07	Jul.-07	Aug.-07	Sep.-07	Oct-07	Nov.-07	Dec.-07	Jan.-08	Apr.-07 to Jan., 08 Deficit-)
Requirement	1922	2146	2253	2261	2276	2110	1676	1469	1582	1591	19286
Availabilty	1915	2143	2248	2257	2264	2106	1671	1466	1575	1571	19216
Surplus/	-7	-3	-5	-4	-12	-4	-5	-3	-7	-20	-70
Deficit(-) %	-0.4	-0.1	-0.2	-02	-0.5	-0.2	-0.3	-0.2	-1.4	-1.3	-0.4

Peak Demand/Peak Met *{Figures in MW)*

	Apr.-07	May-07	Jua.-07	Jul-07	Aug.-07	Sep.-07	Oct-07	Nov.-07	Dec.-07 Jan-08	Jan.-08	Apr.-07te
Peak Demand	3437	3846	4075	3909	3937	3705	3232	3005	3229	3353	4075
Peak Met	3437	3840	4030	3903	3826	3692	3208	3005	3229	3164	4030
Surplus/ Deficit(-)	0	-6	-45	-6	-111	-13	-24	0	0	**-189**	-45
%	0.0%	-0.2%	-1.1%	-0.2%	-2.8%	-0.4%	-0.7%	0.0%	0.0%	-5.6%	-1.1%

Power generation potential

431. SHRIMATI VIPLOVE THAKUR: Will the Minister of POWER be pleased to state:

the extent to which the power sector in the country has currently been tapped; and

the estimated potential of the sector at present and the details of plans aimed at exploitation of the sector?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) The installed capacity in the country as on 31st January, 2008 was 141079.84 MW comprising of 90895.84 MW thermal, 35208.76 MW hydro, 4120 MW nuclear and 10855.24 MW from Renewable Energy Sources (RES).

(b) According to the data available in the Integrated Energy Policy report, the estimated proven reserves of coal in the country is over 38100 Million tons of oil equivalent (Mtoe), Lignite reserve is 1101 Mtoe and coal bed methane is 765 Mtoe. The report further indicates substantial availability of thorium reserves.

The re-assessment studies of hydro-electric potential of the country, completed by the Central Electricity Authority in 1987, have placed the exploitable hydro power potential at 84,044 MW at 60% load factor which will result in an installed capacity of about 1,50,000 MW on the basis of probable average load factor.

In addition, curently the estimated renewable energy potential is reported to be over 84,700 MW.

For optimum utilization of energy resources in the power sector, following action have been taken:

Coal to remain the main stay in the energy fuel mix. Out of the projects aggregating to over 78,577 MW identified for the Eleventh Plan, over 51,000 MW is coal based.

Nuclear capacity would increase from present 4120 MW to 7280 MW by the end of Eleventh Plan.

Shelf of thermal projects aggregating to over 1,00,000 MW has been prepared for the taking up in the future.

50,000 MW hydro initiative has been launched for coordinated development of hydro potential.

During Eleventh Plan, capacity addition to the tune of 14,000 MW through renewable sources is proposed.

Review of power projects

432. SHRI DARA SINGH: Will the Minister of POWER be pleased to state:

whether some of the power projects in the country have not performed properly during the last five years;

if so, whether Government proposes to review their performance and being forward some amendments particularly in the Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) and Accelerated Power Development and Reforms Programme (APDRP); and

if so, the details thereof?

THE MINISTER OF POWER (SHRI SUSHIL KUMAR SHINDE): (a) The performance of power plants is accessed/gauged in terms of actual generation *vis-a-vis* their generation target. The generation tagets are fixed for the power station on a year to year basis, keeping in view their installed capacity, age of the units, past performance, planned outages, likely availability of water/fuel (both quantity and quality) etc. While availability of water during monsoon and non-monsoon season as well as irrigation requirements influence performance of hydro power station, the quality and availability of fuel have a bearing on the performance of thermal power stations. Therefore, the actual generation achieved by some power plants including old power plants in the state sector is at variation with the target.

(b) and (c) Yes, Sir, the performance of power stations is being reviewed by competent authorities.